ABSTRACT OF THE DISCLOSURE

The present invention pertains to a lens system for a laser for illustrating a printing form with at least one spherical lens. The spherical lens may be arranged between the laser and the printing form, in order to bundle laser light emitted by the laser. At least one aspherical lens is arranged between the spherical lens and the printing form, for focusing or converging the laser light onto a desired spot. A process is also provided for illustrating a printing form. A laser for exposing an area element of predetermined width and height is operated continuously. The laser light generated by the laser is focused by the lens system according such that a strip (L) is generated which has a width that approximately corresponds to the width of the area element to be exposed. The strip has a height (H) that is smaller than the height of the area element to be exposed. A laser light strip (L) generated is led over the area element to be exposed such that the entire height of the area element to be exposed is swept by the strip.